

ABSTRACT OF THE DISCLOSURE

In an apparatus for pneumatically feeding at least one
5 spinning preparation machine, for example a carding machine
or cleaner, by means of fibre-flock charging shafts, which
are located upstream of the individual spinning preparation
machines and which are connected to a pneumatic fibre-
transporting line, the transporting line being connected by
10 way of a fibre material feed fan to the fibre-processing
machine located upstream, automatic modification of the
volumetric air flow (amount of air) is arranged to be
carried out.

In order to keep the volumetric flow for the conveying
15 of fibre material substantially or completely constant in
spite of different charging pressures at at least one fibre
material shaft, for different charging pressures in at
least one fibre-flock charging shaft a set of
characteristic curves describing the volumetric air flow in
20 dependence upon the pressure difference at the fan is
stored in a characteristic curve set element, a measurement
signal for the actual pressure difference at the fan and
also the values relating to the actual speed of rotation of
the fan are arranged to be ascertained in a computer unit,
25 the computer unit is able to determine the actual value of
the volumetric air flow from the set of characteristic

curves and, in the event of departure from a desired value for the volumetric air flow, the operating point for the speed of rotation of the fan is arranged to be displaced to the desired value for the volumetric air flow.